

## Network Tools - Task #2479

Task # 2476 (Closed): Python 3 support

### ipaddr fails

10/22/2019 07:50 PM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	10/22/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.4.2		
<b>Description</b>			
cannot import name 'IPAddress' from 'network_tools_app.ipaddr'			

### History

#### #1 - 10/22/2019 07:53 PM - Luke Murphey

Observations:

- This is used by ipwhois
  - See src/bin/network\_tools\_app/ipwhois/utils.py
- Could use <https://github.com/richardpenman/pywhois>
- See <https://github.com/secynic/ipwhois>
- It appears that Python 3.3 includes an ipaddress module:

```
if sys.version_info >= (3, 3): # pragma: no cover
    from ipaddress import ip_network

else: # pragma: no cover
    from ipaddr import IPNetwork as ip_network
```

Solution:

- Use version 1.1.0 of <https://github.com/secynic/ipwhois/releases>

#### #2 - 10/22/2019 10:33 PM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 0 to 100